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(54) Title: **SINGLE PRIMER PCR AMPLIFICATION OF RNA**

(57) Abstract: The invention provides methods and compositions for amplifying RNA sequences by: a) hybridizing to a target RNA a first primer comprising a 3' target RNA hybridizing sequence and a first 5' defined amplifiable sequence; b) extending the first primer with a reverse transcriptase to form a first cDNA strand; c) hybridizing to the first cDNA strand a second primer comprising a 3' random cDNA hybridizing sequence and a second 5' defined amplifiable sequence; d) extending the second primer with a DNA polymerase to form a second cDNA strand; and e) amplifying the second cDNA strand with a third primer comprising the first 5' defined amplifiable sequence.

INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C12Q1/68

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C12Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

BIOSIS, EPO-Internal, MEDLINE, CHEM ABS Data, EMBASE, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 104 792 A (FEINSTONE STEPHEN ET AL) 14 April 1992 (1992-04-14) cited in the application	17-20
Y	column 1, line 26 -column 1, line 46 column 2, line 37 -column 3, line 2 column 4, line 27 -column 4, line 32 claim 1	1-16
Y	US 5 310 652 A (GELFAND DAVID H ET AL) 10 May 1994 (1994-05-10) column 7, line 49 -column 8, line 54 column 18, line 24 -column 18, line 37 examples V,X	1-16
Y	US 5 712 127 A (SOOKNANAN ROY R ET AL) 27 January 1998 (1998-01-27) column 12, line 39 -column 12, line 64 -/-	1-16

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	AKIN AYDEMIR ET AL: "Amplification and cloning of infectious bursal disease virus genomic RNA segments by long and accurate PCR." JOURNAL OF VIROLOGICAL METHODS, vol. 82, no. 1, 1999, pages 55-61, XP002223167 ISSN: 0166-0934 abstract page 56, right-hand column page 57, right-hand column	1-16
Y	AUER T ET AL: "SELECTIVE AMPLIFICATION OF RNA UTILIZING THE NUCLEOTIDE ANALOG DITPAND THERMUS THERMOPHILUS DNA POLYMERASE" NUCLEIC ACIDS RESEARCH, OXFORD UNIVERSITY PRESS, SURREY, GB, vol. 24, no. 24, 1996, pages 5021-5025, XP002916438 ISSN: 0305-1048 abstract page 5022 page 5024, right-hand column, last paragraph -page 5025, paragraph 1 figures 1-4	1-16

INTERNATIONAL SEARCH REPORT

In continuation on patent family members

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